

# **A Work Plan for Management Assistance for Wilcox Oil Company Proposed Superfund Site located in Creek County, Oklahoma**

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Submitted to:  
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## **1. Introduction**

### **1.1. Purpose**

Region 6 of the U.S. Environmental Protection Agency (EPA) proposed the Wilcox Oil Company Site in Creek County, Oklahoma to the National Priorities List on May 24, 2013. The purpose of this grant is to allow the Oklahoma Department of Environmental Quality (DEQ) to assist EPA with the site.

**Strategic Plan Objective 3.3: Restore Land.** Prepare for and respond to accidental or intentional releases of contaminants and clean up and restore polluted sites. By 2015, complete assessments at potential hazardous waste sites to determine if they warrant Comprehensive Emergency Response, Compensation, and Liability Act (CERCLA) remedial response or other cleanup activities. The contaminated lands such as those found at the Wilcox Oil Company Site pose potential risks to human health and the environment. Contaminants may be leached from waste sources and migrate to underground aquifers or surface waters that are used for drinking water supplies or recreational activities. The funding of this project would provide significant benefits for both the State of Oklahoma and EPA by allowing the State to assist in remediating the contamination at the site.

### **1.2. Background**

The site consists of the former Lorraine/Wilcox Refinery located in Creek County, Oklahoma. The property was utilized by two different refineries with overlapping boundaries from 1915 to 1965. Wilcox operated as a crude oil refinery from the 1920s until 1963. A skimming and cracking plant was constructed in 1929. The main components of the plant consisted of a skimming plant, cracking unit, and re-distillation battery with vapor recovery system and treatment equipment. Wilcox expanded when it acquired the Lorraine Refinery in 1937, which was located adjacent to Wilcox. The two refineries comprise 125 acres. The site includes remnants of former oil refining operations and tank farms. Currently there are six residents living on-site - homes are located in areas of former waste operations.

Multiple sampling events have been conducted by DEQ at the request of the EPA Region 6. Preliminary Assessment (PA), Site Investigation (SI) and Expanded Site Investigation (ESI) have been performed at both facilities.

## **2. Statement of Work**

1. DEQ personnel will review reports of the progress and meet with the U.S. Environmental Protection Agency (EPA) and other personnel pertaining to the project.
2. Travel for the State of Oklahoma Department of Environmental Quality (DEQ) personnel to visit the site and to attend meetings concerning the project, as requested. This is required for DEQ to provide technical input and support on the project and keep up to date with the site's status. Travel to Dallas, Texas to meet with EPA Region VI officials or their contractors may also be required.
3. DEQ will travel and participate in meetings with local governments and citizens pertaining to site listing and the Superfund process.
4. DEQ will review documents, reports, test results, etc. performed by EPA.
5. DEQ will assist in dealing with complaints concerning this project, which could include site visits.
6. DEQ will assist EPA with research of past ownership and corporate successors as requested.

## **3. Community Involvement**

DEQ will respond to comments, questions, and concerns as submitted by landowners, citizens from the local community, local government, and other state and federal agencies. This will include attending meetings, reviewing and preparing factsheets, risk communication, and other community involvement activities as requested.

## **4. Oversight**

DEQ will oversee the work as follows:

1. Administer the grant, including review, approval and payment of invoices;
2. Travel to the project site and attend any meeting concerning the project;
3. Assist with community relations activities;

4. Travel to Region 6 offices to meet with EPA regarding the site;
5. Prepare and submit to EPA quarterly progress reports regarding DEQ activities;
6. Submit to EPA a final report that summarizes work, outputs and outcomes as described in this work plan.

## **5. Outcomes and Measurements**

Outcomes for this project coincide with EPA Strategic Plan: Objective 3.3: Restore Land. Prepare for and respond to accidental or intentional releases of contaminants and clean up and restore polluted sites. By 2015, complete assessments at potential hazardous waste sites to determine if they warrant Comprehensive Emergency Response, Compensation, and Liability Act (CERCLA) remedial response or other cleanup activities.

## **6. Deliverables**

1. Quarterly progress and financial status reports within 30 days after the end of each federal quarter.
2. Submit to EPA a final report that summarizes work, outputs, and outcomes within 90 days after completion of the project.